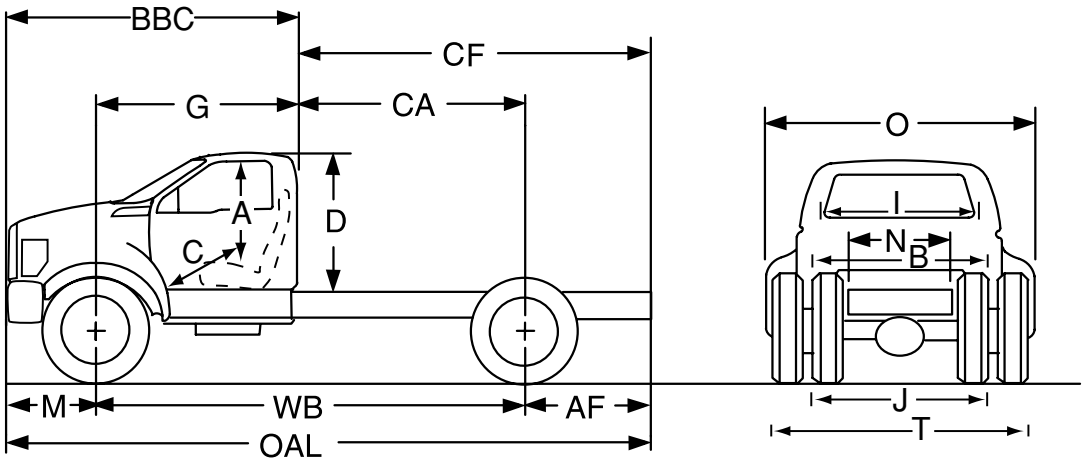
Super Duty Chassis Cabs F-650/F-750

Dimensions

2016



Body Dimensions[1]
REGULAR CAB CHASSIS

		Tractor	Tractor	Straight Frame	Pro Loader Kick-up Frame	Straight Frame
Wheelbase (in.)		146.0	158.0	158.0	158.0	176.0
Code	**Description**					
CA	Back of Cab to C/L Rear Axle	72.0	84.0	84.0	84.0	102.0
AF	Axle to End of Frame	39.0	39.0	49.0	63.0	70.0
OAL	Overall Length	225.0	237.0	247.0	261.0	286.0
	Head Room	40.7	40.7	40.7	40.7	40.7
	Hip Room	67.6	67.6	67.6	67.6	67.6
	Max. Leg Room	41.4	41.4	41.4	41.4	41.4
D	Frame to Top of Cab (without marker lights)	56.7	56.7	56.7	56.7	56.7
BBC	Front Bumper to Back of Cab	114.4	114.4	114.4	114.4	114.4
G	C/L Front Axle to Back of Cab	74.1	74.1	74.1	74.1	74.1
	Shoulder Room	68.0	68.0	68.0	68.0	68.0
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	—/82.7	—/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.0	34.0	34.0	34.0	34.0
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5"	97.6/—	97.6/—	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

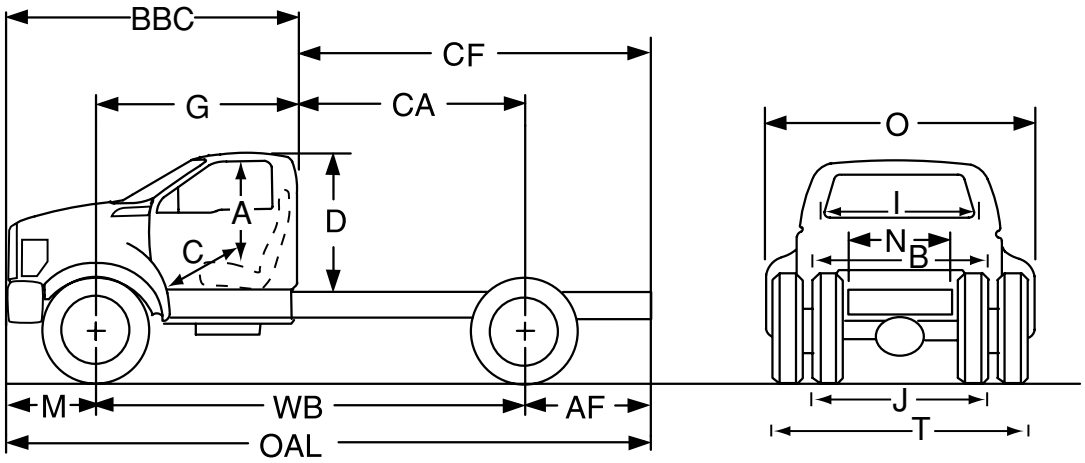
Dimensions cont'd

Body Dimensions(1)
REGULAR CAB CHASSIS cont'd

		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame
Wheelbase (in.)		182.0	182.0	194.0	194.0	200.0	212.0
Code	**Description**						
CA	Back of Cab to C/L Rear Axle	108.0	108.0	120.0	120.0	126.0	138.0
AF	Axle to End of Frame	70.0	75.0	75.0	75.0	75.0	81.0
OAL	Overall Length	292.0	297.0	309.0	309.0	315.0	333.0
	Head Room	40.7	40.7	40.7	40.7	40.7	40.7
	Hip Room	67.6	67.6	67.6	67.6	67.6	67.6
	Max. Leg Room	41.4	41.4	41.4	41.4	41.4	41.4
D	Frame to Top of Cab (without marker lights)	56.7	56.7	56.7	56.7	56.7	56.7
BBC	Front Bumper to Back of Cab	114.0	114.0	114.0	114.0	114.0	114.0
G	C/L Front Axle to Back of Cab	74.1	74.1	74.1	74.1	74.1	74.1
	Shoulder Room	68.0	68.0	68.0	68.0	68.0	68.0
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.0	34.0	34.0	34.0	34.0	34.0
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.



Body Dimensions[1]
REGULAR CAB CHASSIS cont'd

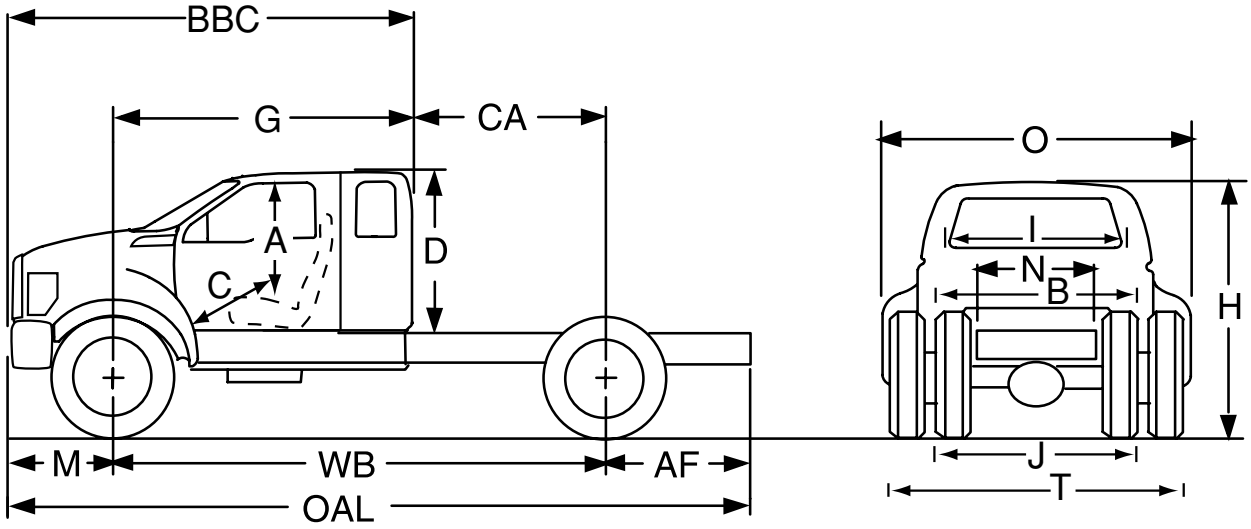
		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame
Wheelbase (in.)		218.0	218.0	224.0	230.0	242.0	242.0	260.0	281
Code	**Description**								
CA	Back of Cab to C/L Rear Axle	144.0	144.0	150.0	156.0	168.0	168.0	186.0	207.0
AF	Axle to End of Frame	81.0	81.0	87.0	87.0	100.0	93.0	120.0	120.0
OAL	Overall Length	339.0	339.0	351.0	357.0	382.0	382.0	420.0	441.0
A	Head Room	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
B	Hip Room	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
C	Max. Leg Room	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
D	Frame to Top of Cab (without marker lights)	56.7	56.7	56.7	56.7	56.7	57.0	57.0	57.0
BBC	Front Bumper to Back of Cab	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
G	C/L Front Axle to Back of Cab	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
I	Shoulder Room	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	—/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Dimensions cont'd



Body Dimensions[1]
SUPERCAB CHASSIS

		Tractor	Tractor	Straight Frame	Pro Loader Kick-up Frame	Straight Frame
Wheelbase (in.)		167.0	179.0	179.0	179.0	197.0
Code	**Description**					
CA	Back of Cab to C/L Rear Axle	72.0	84.0	84.0	84.0	102.0
AF	Axle to End of Frame	39.0	39.0	49.0	63.0	70.0
OAL	Overall Length	246.0	258.0	268.0	282.0	307.0
A	Head Room (Front/Rear)	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1
B	Hip Room (Front/Rear)	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3
C	Max. Leg Room (Front/Rear)	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6
D	Frame to Top of Cab (without marker lights)	56.9	56.9	56.9	56.9	56.9
BBC	Front Bumper to Back of Cab	135.4	135.4	135.4	135.4	135.4
G	C/L Front Axle to Back of Cab	95.0	95.0	95.0	95.0	95.0
I	Shoulder Room (Front/Rear)	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	–/82.7	–/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/—	97.6/—	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Body Dimensions[1]
SUPERCAB CHASSIS cont'd

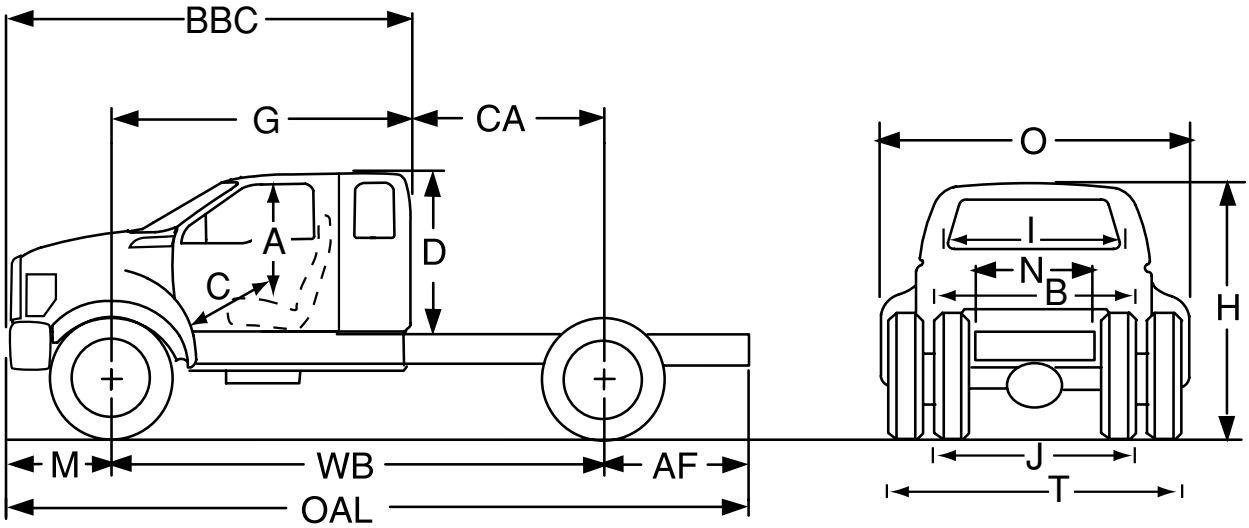
		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		203.0	203.0	215.0	221.0	233.0
Code	**Description**					
CA	Back of Cab to C/L Rear Axle	108.0	108.0	120.0	126.0	138.0
AF	Axle to End of Frame	70.0	75.0	75.0	75.0	81.0
OAL	Overall Length	313.0	318.0	330.0	336.0	354.0
A	Head Room (Front/Rear)	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1
B	Hip Room (Front/Rear)	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3
C	Max. Leg Room (Front/Rear)	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6
D	Frame to Top of Cab (without marker lights)	56.9	56.9	56.9	56.9	56.9
BBC	Front Bumper to Back of Cab	135.4	135.4	135.4	135.4	135.4
G	C/L Front Axle to Back of Cab	95.0	95.0	95.0	95.0	95.0
I	Shoulder Room (Front/Rear)	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Dimensions cont'd

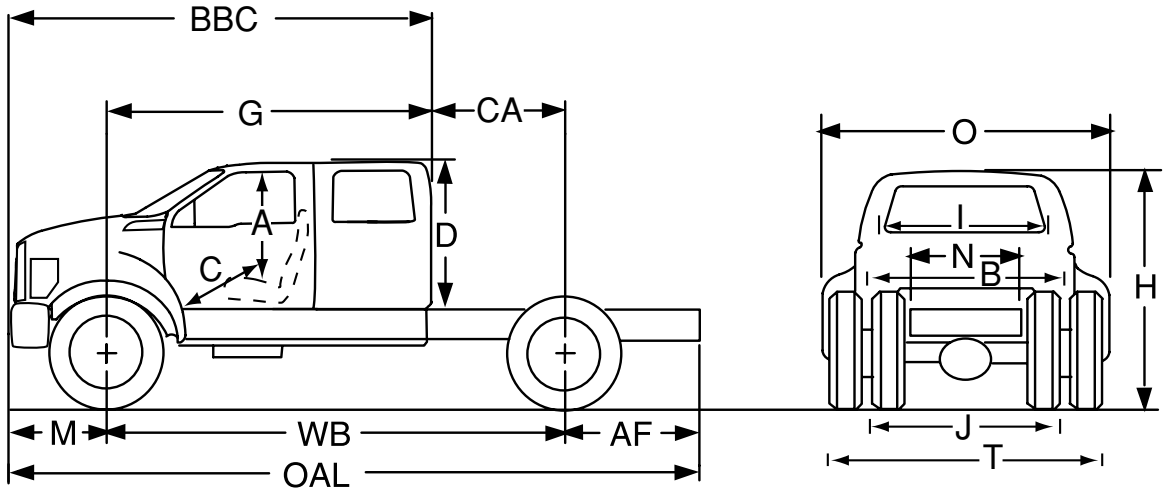


Body Dimensions[1]
SUPERCAB CHASSIS cont'd

		Pro Loader Kick-up and Straight Frame	Straight Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		239.0	245.0	251.0	263.0	281.0
Code	**Description**					
CA	Back of Cab to C/L Rear Axle	144.0	150.0	156.0	168.0	186.0
AF	Axle to End of Frame	81.0	87.0	87.0	100.0	120.0
OAL	Overall Length	360.0	372.0	378.0	403.0	441.0
A	Head Room (Front/Rear)	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1
B	Hip Room (Front/Rear)	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3
C	Max. Leg Room (Front/Rear)	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6
D	Frame to Top of Cab (without marker lights)	56.9	56.9	56.9	56.9	56.9
BBC	Front Bumper to Back of Cab	135.4	135.4	135.4	135.4	135.4
G	C/L Front Axle to Back of Cab	95.0	95.0	95.0	95.0	95.0
I	Shoulder Room (Front/Rear)	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.



Body Dimensions(1)
CREW CAB CHASSIS

		Tractor and Straight Frame	Straight Frame	Pro Loader Kick-up Frame	Straight Frame
Wheelbase (in.)		182.0	194.0	194.0	212.0
Code	**Description**				
CA	Back of Cab to C/L Rear Axle	72.0	84.0	84.0	102.0
AF	Axle to End of Frame	39.0/49.0	49.0	63.0	70.0
OAL	Overall Length	261/271	283.0	297.0	322.0
A	Head Room (Front/Rear)	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8
B	Hip Room (Front/Rear)	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6
C	Max. Leg Room (Front/Rear)	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1
D	Frame to Top of Cab (without marker lights)	57.4	57.4	57.4	57.4
BBC	Front Bumper to Back of Cab	149.9	149.9	149.9	149.9
G	C/L Front Axle to Back of Cab	109.5	109.5	109.5	109.5
I	Shoulder Room (Front/Rear)	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	—/82.7	—/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

esourcebook.dealerconnection.com
RE&T: 2016 Source Book

Super Duty Chassis Cabs F-650/F-750

Dimensions cont'd

Body Dimensions(1)
CREW CAB CHASSIS cont'd

		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		218.0	218.0	230.0	236.0	248.0
Code	**Description**					
CA	Back of Cab to C/L Rear Axle	108.0	108.0	120.0	126.0	138.0
AF	Axle to End of Frame	70.0	75.0	75.0	75.0	81.0
OAL	Overall Length	328.0	333.0	345.0	351.0	369.0
A	Head Room (Front/Rear)	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8
B	Hip Room (Front/Rear)	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6
C	Max. Leg Room (Front/Rear)	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1
D	Frame to Top of Cab (without marker lights)	57.4	57.4	57.4	57.4	57.4
BBC	Front Bumper to Back of Cab	149.9	149.9	149.9	149.9	149.9
G	C/L Front Axle to Back of Cab	109.5	109.5	109.5	109.5	109.5
I	Shoulder Room (Front/Rear)	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

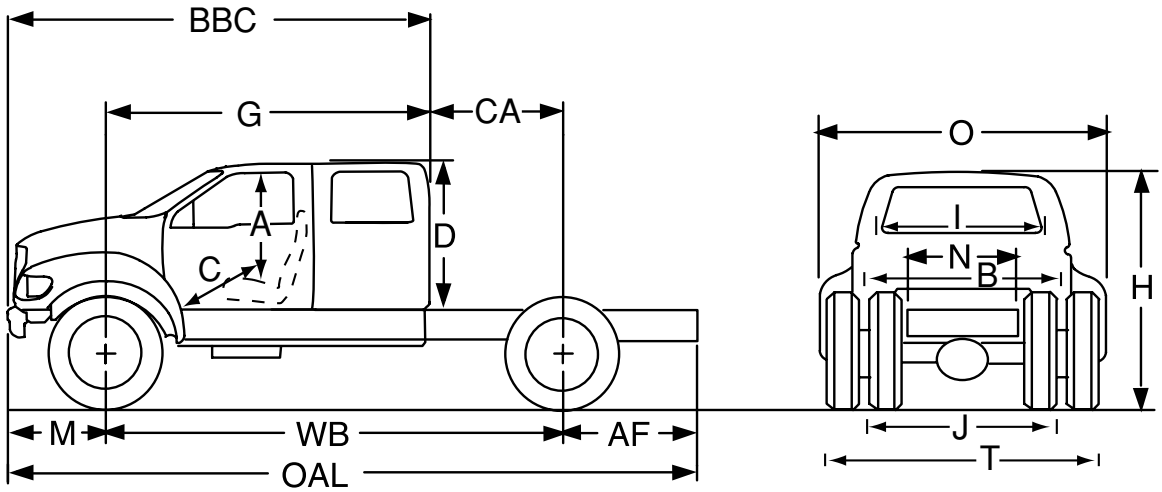
(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750

Dimensions cont'd

2016



Body Dimensions(1)
CREW CAB CHASSIS cont'd

		Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		254.0	254.0	260.0	266.0	278.0
Code	**Description**					
CA	Back of Cab to C/L Rear Axle	144.0	144.0	150.0	156.0	168.0
AF	Axle to End of Frame	96.0	81.0	87.0	87.0	100.0
OAL	Overall Length	390.0	375.0	387.0	393.0	418.0
A	Head Room (Front/Rear)	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8
B	Hip Room (Front/Rear)	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6
C	Max. Leg Room (Front/Rear)	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1
D	Frame to Top of Cab (without marker lights)	57.4	57.4	57.4	57.4	57.4
BBC	Front Bumper to Back of Cab	149.9	149.9	149.9	149.9	149.9
G	C/L Front Axle to Back of Cab	109.5	109.5	109.5	109.5	109.5
I	Shoulder Room (Front/Rear)	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0
J	Front Tread Width (8.5K/10K) (all 8.5K axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Curb Weights

Total Curb Weights[1]

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.)[2] Gas/Diesel
F-650 Pro Loader Kick-up Frame (Hydraulic)	Regular Cab	158	8748/9407
		182	8852/9511
		194	8886/9545
		218	8969/9626
		242	9154/9813
	SuperCab	179	9024/9683
		203	9108/9765
		239	9242/9901
	Crew Cab	194	9230/9889
		218	9303/9962
		254	9527/10,186
F-650 Pro Loader Kick-up Frame (Air)	Regular Cab	158	—/10,849
		182	—/10,953
		194	—/10,987
		218	—/11,070
		242	—/11,255
	SuperCab	179	—/11,125
		203	—/11,207
		239	—/11,343
	Crew Cab	194	—/11,331
		218	—/11,404
		254	—/11,628

(1) Includes minimum required and standard equipment, water and oil.
(2) Calculated estimates based on engineering component weights — not actual vehicle weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750 2016

Curb Weights cont'd

Total Curb Weights[1]

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.)[2] Gas/Diesel
F-650 Straight Frame (Hydraulic)	Regular Cab	158	9618/10,278
		176	9740/10,400
		182	9758/10,418
		194	9808/10,468
		200	9839/10,499
		212	9887/10,547
		218	9924/10,584
		224	9978/10,638
		230	9996/10,656
		242	10,178/10,738
		260[3]	10,173/10,833
	Super Cab	179	9898/10,558
		197	10,005/10,665
		203	10,018/10,678
		215	10,071/10,731
		221	10,106/10,766
		233	10,156/10,816
		239	10,175/10,835
		245	10,180/10,840
		251	10,257/10,917
		263[3]	10,314/10,974
	Crew Cab	182	10,040/10,700
		194	10,107/10,767
		212	10,207/10,867
		218	10,240/10,900
		230	10,314/10,974
		236	10,334/10,994
		248	10,372/11,032
		254[3]	10,391/11,051
		260[3]	10,446/11,106
		266[3]	10,463/11,123
		278[3]	10,533/11,193

(1) Includes minimum required and standard equipment, water and oil.
(2) Calculated estimates based on engineering component weights — not actual vehicle weights.
(3) Not available with 533 frame.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Curb Weights cont'd

Total Curb Weights[1]

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.)[2] Gas/Diesel
F-650 Straight Frame (Air)	Regular Cab	158	—/11,032
		176	—/11,154
		182	—/11,172
		194	—/11,222
		200	—/11,253
		212	—/11,301
		218	—/11,338
		224	—/11,392
		230	—/11,410
		242	—/11,492
		260[3]	—/11,587
	SuperCab	179	—/11,312
		197	—/11,419
		203	—/11,432
		215	—/11,485
		221	—/11,520
		233	—/11,570
		239	—/11,589
		245	—/11,594
		251	—/11,671
		263[3]	—/11,728
	Crew Cab	182	—/11,454
		194	—/11,521
		212	—/11,621
		218	—/11,654
		230	—/11,728
		236	—/11,748
		248	—/11,786
		254[3]	—/11,805
		260[3]	—/11,860
		266[3]	—/11,877
		278[3]	—/11,947

(1) Includes minimum required and standard equipment, water and oil.
(2) Calculated estimates based on engineering component weights — not actual vehicle weights.
(3) Not available with 533 frame.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750 2016

Curb Weights cont'd

Total Curb Weights[1]

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.)[2] Gas/Diesel
F-750 Straight Frame (Hydraulic)	Regular Cab	158	9748/10,408
		176	9891/10,551
		182	9912/10,572
		194	9971/10,631
		200	10,006/10,666
		212	10,064/10,724
		218	10,104/10,764
		224	10,165/10,825
		230	10,186/10,846
		242	10,281/10,941
		260	10,397/11,057
		281 with 539 frame	11,696/11,571
		281 with 536 frame and 41R	12,379/12,254
	SuperCab	179	10,040/10,700
		197	10,167/10,827
		203	10,184/10,844
		215	10,246/10,906
		221	10,285/10,945
		233	10,345/11,005
		239	10,367/11,027
		245	10,444/11,104
		251	10,459/11,119
		263	10,529/11,189
		281 with 539 frame	12,679/11,683
		281 with 536 frame and 41R	12,706/11,710
	Crew Cab	182	10,183/10,843
		194	10,257/10,917
		212	10,378/11,038
		218	10,414/11,074
		230	10,498/11,158
		236	10,521/11,181
		248	10,568/11,228
		254	10,590/11,250
		260	10,652/11,312
		266	10,672/11,332

(1) Includes minimum required and standard equipment, water and oil.
(2) Calculated estimates based on engineering component weights — not actual vehicle weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Curb Weights cont'd

Total Curb Weights[1]

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.)[2] Gas/Diesel
F-750 Straight Frame (Air)	Regular Cab	158	—/11,242
		176	—/11,385
		182	—/11,406
		194	—/11,465
		200	—/11,500
		212	—/11,558
		218	—/11,598
		224	—/11,659
		230	—/11,680
		242	—/11,775
		260	—/11,891
		281 with 539 frame	—/12,405
		281 with 536 frame and 41R	—/13,088
	SuperCab	179	—/11,534
		197	—/11,661
		203	—/11,678
		215	—/11,740
		221	—/11,779
		233	—/11,839
		239	—/11,861
		245	—/11,938
		251	—/11,953
		263	—/12,023
		281 with 539 frame	—/12,517
		281 with 536 frame and 41R	—/12,544
	Crew Cab	182	—/11,677
		194	—/11,751
		212	—/11,872
		218	—/11,908
		230	—/11,992
		236	—/12,015
		248	—/12,062
		254	—/12,084
		260	—/12,146
		266	—/12,166

(1) Includes minimum required and standard equipment, water and oil.
(2) Calculated estimates based on engineering component weights — not actual vehicle weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750

Curb Weights cont'd

2016

Total Curb Weights[1]

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.)[2] Gas/Diesel
F-650 Tractor	Regular Cab	146	—/11,062
		158	—/11,147
	SuperCab	167	—/11,324
		179	—/11,504
	Crew Cab	182	—/11,573
F-750 Tractor	Regular Cab	146	—/11,274
		158	—/11,359
	SuperCab	167	—/11,536
		179	—/11,716
	Crew Cab	182	—/11,785

(1) Includes minimum required and standard equipment, water and oil.
(2) Calculated estimates based on engineering component weights — not actual vehicle weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications

REGULAR CHASSIS CAB (158" — 260" WB) — Diesel Engine Models

DRIVE:			F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):			20,500/26,000	25,600/29,000
POWERTRAIN:			50-state certified	
Engine	—	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	—	Type	Ford TorqShift Heavy-duty	
	—	Speeds	6-speed Automatic Overdrive	
Clutch	—	Type	None	
	—	Diameter	—	
Front Axle	—	Type	Dana I-beam Type	
	—	Capacity (Rating @ Ground)	8500 lbs.	8500/10,000 lbs.
Rear Axle	—	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	—	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	—	Type	SPL-140	SPL-140
BRAKES:				
System	—	Type	Hydraulic, Split System, with Automatic Adjustment	
Front	—	Type	15.00" x 1.44" Cast Disc	
Rear	—	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System			Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)			12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:				
Alternator	—	Rating	Denso SC5, 200 Amperes	
Battery	—	Type	Motorcraft® 12-volt Maintenance-free	
	—	Rating	Dual, 750 CCA (1500 CCA Total)	
	—	Box Location	Right Side Under Cab	
EXHAUST:	—	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab	
FUEL TANK:	—	Capacity	50.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	—	Type	Integral Power, ZF/Bosch ZN4	
	—	Ratio	18.9:1 (8500-lbs. FGAWR w/9.5" frame); 18.8:1 (8500-lbs. FGAWR w/8.5" frame); 19.0:1 (10,000-lbs. FGAWR)	
SUSPENSION:				
Frame	—	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight "C" 50,000 PSI Steel
	—	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	—	Type	1.42" Dia. Double-acting	
Springs, Front	—	Type	3.15" x 62" Parabolic Taper-leaf	
	—	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	—	Type	Multi-leaf	
	—	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	—	Type	Stemco Front and Rear	
TIRES:				
Front	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:				
Front	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750

2016

Standard Equipment Specifications cont'd

REGULAR CHASSIS CAB (146", 158" WB) — Diesel Engine Models

DRIVE:		F-650 Tractor	F-750 Tractor
GVWR (lbs.):		27,500/29,000	30,200/37,000
POWERTRAIN:		50-state certified	
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	— Type	Ford TorqShift Heavy-duty	
	— Speeds	6-speed Automatic Overdrive	
Clutch	— Type	None	
	— Diameter	—	
Front Axle	— Type	Dana I-beam Type	
	— Capacity (Rating @ Ground)	10,000 lbs.	
Rear Axle	— Type	Single Reduction, GenTech Quiet Gears with 190 Wheel Ends	Single Reduction, Open
	— Capacity (Rating @ Ground)	17,500 lbs.	21,000 lbs.
Driveshaft	— Type	SPL-140	
BRAKES:			
System	— Type	Air brakes, Meritor Q-Plus with ABS	
Front	— Type	15.0" x 4.0"	
Rear	— Type	16.5" x 7.0"	
Anti-Lock System		Bendix® Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		Mechanical Spring-applied with Air Release	
ELECTRICAL:			
Alternator	— Rating	Denso SC5, 200 Amperes	
Battery	— Type	Motorcraft® 12-volt Maintenance-free	
	— Rating	Dual, 750 CCA (1500 CCA Total)	
	— Box Location	Right Side Under Cab	
EXHAUST:	— Type	Single, Horizontal Muffler, Right-hand, Right Side Under Cab Outside Frame Rail with Rear, Underbody Exit, Switchback-style	
FUEL TANK:	— Capacity	50.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	— Type	Integral Power, ZF/Bosch ZN4	
	— Ratio	19.0:1	
SUSPENSION:			
Frame	— Type	Ladder Type, Single Channel 120,000 PSI Steel	
	— Section Modulus (cu. in.)	14.18	
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting	
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf	
	— Rating @ Ground (min.)	10,000	
Springs, Rear	— Type	Multi-leaf	
	— Rating @ Ground (min.)	19,000 lbs.	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear	
TIRES:			
Front	— Type	Goodyear G661 HSA	
	— Size	11R22.5G (14-ply Rated)	
Rear	— Type	Goodyear G661 HSA	
	— Size	11R22.5G (14-ply Rated)	
WHEELS:			
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	— Size	22.5" x 7.5"	
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	— Size	22.5" x 7.5"	

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

REGULAR CHASSIS CAB (158" — 281" WB) — Diesel Engine Models

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/37,000
POWERTRAIN:		50-state certified
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)
Transmission	— Type	Ford TorqShift Heavy-duty
	— Speeds	6-speed Automatic Overdrive
Clutch	— Type	None
	— Diameter	—
Front Axle	— Type	Dana I-beam Type
	— Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	— Type	Single Reduction, Open
	— Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	— Type	SPL-140
BRAKES:		
System	— Type	Hydraulic, Split System, Automatic Adjustment
Front	— Type	15.00" x 1.44" Cast Disc
Rear	— Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	— Rating	Denso SC5, 200 Amperes
Battery	— Type	Motorcraft® 12-volt Maintenance-free
	— Rating	Dual, 750 CCA (1500 CCA Total)
	— Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab
FUEL TANK:	— Capacity	50.0-gallon, Single, LH Rectangular Aluminum
STEERING:	— Type	Integral Power, ZF/Bosch ZN4
	— Ratio	19.0:1
SUSPENSION:		
Frame	— Type	Ladder Type Single Channel 80,000 PSI Steel
	— Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf
	— Rating @ Ground (min.)	10,000 lbs.
Springs, Rear	— Type	Multi-leaf
	— Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
Rear	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
WHEELS:		
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

esourcebook.dealerconnection.com

Super Duty Chassis Cabs F-650/F-750

2016

Standard Equipment Specifications cont'd

SUPERCAB CHASSIS CAB (179" — 263" WB) — Diesel Engine Models

DRIVE:			F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):			20,500/26,000	25,600/29,000
POWERTRAIN:			50-state certified	
Engine	—	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	—	Type	Ford TorqShift Heavy-duty	
	—	Speeds	6-speed Automatic Overdrive	
Clutch	—	Type	None	
	—	Diameter	—	
Front Axle	—	Type	Dana I-beam Type	
	—	Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	—	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	—	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	—	Type	SPL-140	SPL-140
BRAKES:				
System	—	Type	Hydraulic, Split System, Automatic Adjustment	
Front	—	Type	15.00" x 1.44" Cast Disc	
Rear	—	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System			Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)			12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:				
Alternator	—	Rating	Denso SC5, 200 Amperes	
Battery	—	Type	Motorcraft® 12-volt Maintenance-free	
	—	Rating	Dual, 750 CCA (1500 CCA Total)	
	—	Box Location	Right Side Under Cab	
EXHAUST:	—	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab	
FUEL TANK:	—	Capacity	65.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	—	Type	Integral Power, ZF/Bosch ZN4	
	—	Ratio	18.9:1 (8500-lbs. FGAWR w/9.5" frame); 18.8:1 (8500-lbs. FGAWR w/8.5" frame)	
SUSPENSION:				
Frame	—	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight "C" 50,000 PSI Steel
	—	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	—	Type	1.42" Dia. Double-acting	
Springs, Front	—	Type	3.15" x 62" Parabolic Taper-leaf	
	—	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	—	Type	Multi-leaf	
	—	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:		Type	Stemco Front and Rear	
TIRES:				
Front	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:				
Front	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

SUPERCAB CHASSIS CAB (167", 179" WB) – Diesel Engine Models

DRIVE:		F-650 Tractor	F-750 Tractor
GVWR (lbs.):		27,500/29,000	30,200/37,000
POWERTRAIN:		50-state certified	
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	— Type	Ford TorqShift Heavy-duty	
	— Speeds	6-speed Automatic Overdrive	
Clutch	— Type	None	
	— Diameter	—	
Front Axle	— Type	Dana I-beam Type	
	— Capacity (Rating @ Ground)	10,000 lbs.	
Rear Axle	— Type	Single Reduction, GenTech Quiet Gears with 190 Wheel Ends	Single Reduction, Open
	— Capacity (Rating @ Ground)	17,500 lbs.	21,000 lbs.
Driveshaft	— Type	SPL-140	
BRAKES:			
System	— Type	Air Brakes, Meritor Q-Plus with ABS	
Front	— Type	15.0" x 4.0"	
Rear	— Type	16.5" x 7.0"	
Anti-Lock System		Bendix® Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		Mechanical Spring-applied with Air Release	
ELECTRICAL:			
Alternator	— Rating	Denso SC5, 200 Amperes	
Battery	— Type	Motorcraft® 12-volt Maintenance-free	
	— Rating	Dual, 750 CCA (1500 CCA Total)	
	— Box Location	Right Side Under Cab	
EXHAUST:	— Type	Single, Horizontal Muffler, Right-hand, Right Side Under Cab Outside Frame Rail with Rear, Underbody Exit, Switchback-style	
FUEL TANK:	— Capacity	65.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	— Type	Integral Power, ZF/Bosch ZN4	
	— Ratio	19.0:1	
SUSPENSION:			
Frame	— Type	Ladder Type, Single Channel – 120,000 PSI Steel	
	— Section Modulus (cu. in.)	14.18	
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting	
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf	
	— Rating @ Ground (min.)	10,000	
Springs, Rear	— Type	Multi-leaf (includes 4500-lb. Auxiliary Rubber Spring)	
	— Rating @ Ground (min.)	19,000 lbs.	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear	
TIRES:			
Front	— Type	Goodyear G661 HSA	
	— Size	11R22.5G (14-ply Rated)	
Rear	— Type	Goodyear G661 HSA	
	— Size	11R22.5G (14-ply Rated)	
WHEELS:			
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	— Size	22.5" x 7.5"	
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	— Size	22.5" x 7.5"	

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750 2016

Standard Equipment Specifications cont'd

SUPERCAB CHASSIS CAB (179" — 281" WB) — Diesel Engine Models

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/37,000
POWERTRAIN:		50-state certified
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)
Transmission	— Type	Ford TorqShift Heavy-duty
	— Speeds	6-speed Automatic Overdrive
Clutch	— Type	None
	— Diameter	—
Front Axle	— Type	Dana I-beam Type
	— Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	— Type	Single Reduction, Open
	— Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	— Type	SPL-140
BRAKES:		
System	— Type	Hydraulic, Split System, Automatic Adjustment
Front	— Type	15.00" x 1.44" Cast Disc
Rear	— Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type
ELECTRICAL:		
Alternator	— Rating	Denso SC5, 200 Amperes
Battery	— Type	Motorcraft® 12-volt Maintenance-free
	— Rating	Dual, 750 CCA (1500 CCA Total)
	— Box Location	Right Side Under Cab
EXHAUST:	— Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab
FUEL TANK:	— Capacity	65.0-gallon, Single, H Rectangular Aluminum
STEERING:	— Type	Integral Power, ZF/Bosch ZN4
	— Ratio	19.0:1
SUSPENSION:		
Frame	— Type	Ladder Type Single Channel 80,000 PSI Steel
	— Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf
	— Rating @ Ground (min.)	10,000 lbs.
Springs, Rear	— Type	Multi-leaf
	— Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
Rear	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
WHEELS:		
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

CREW CAB CHASSIS CAB (182" — 278" WB) — Diesel Engine Models

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		20,500/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	— Type	Ford TorqShift Heavy-duty	
	— Speeds	6-speed Automatic Overdrive	
Clutch	— Type	None	
	— Diameter	—	
Front Axle	— Type	Dana I-beam Type	
	— Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	— Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	— Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	— Type	SPL-140	SPL-140
BRAKES:			
System	— Type	Hydraulic, Split System, Automatic Adjustment	
Front	— Type	15.00" x 1.44" Cast Disc	
Rear	— Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	— Rating	Denso SC5, 200 Amperes	
Battery	— Type	Motorcraft® 12-volt Maintenance-free	
	— Rating	Dual, 750 CCA (1500 CCA Total)	
	— Box Location	Right Side Under Cab	
EXHAUST:	— Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab	
FUEL TANK:	— Capacity	65.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	— Type	Integral Power, ZF/Bosch ZN4	
	— Ratio	18.8:1 (8500-lbs. FGAWR w/8.5" frame); 18.9:1 (8500-lbs. FGAWR w/9.5" frame)	
SUSPENSION:			
Frame	— Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight "C" 50,000 PSI Steel
	— Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting	
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf	
	— Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	— Type	Multi-leaf	
	— Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	— Type	Hankook AH11	Goodyear G661 HSA
	— Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	— Type	Hankook AH11	Goodyear G661 HSA
	— Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	— Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	19.5" x 6.75"	22.5" x 7.5"
Rear	— Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750 2016

Standard Equipment Specifications cont'd

CREW CAB CHASSIS CAB (182" WB) — Diesel Engine Models

DRIVE:		F-650 Tractor	F-750 Tractor
GVWR (lbs.):		27,500/29,000	30,200/37,000
POWERTRAIN:		50-state certified	
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	— Type	Ford TorqShift Heavy-duty	
	— Speeds	6-speed Automatic Overdrive	
Clutch	— Type	None	
	— Diameter	—	
Front Axle	— Type	Dana I-beam Type	
	— Capacity (Rating @ Ground)	10,000 lbs.	
Rear Axle	— Type	Single Reduction, GenTech Quiet Gears with 190 Wheel Ends	Single Reduction, Open
	— Capacity (Rating @ Ground)	17,500 lbs.	21,000 lbs.
Driveshaft	— Type	SPL-140	
BRAKES:			
System	— Type	Air Brakes, Meritor Q-Plus with ABS	
Front	— Type	15.0" x 4.0"	
Rear	— Type	16.5" x 7.0"	
Anti-Lock System		Bendix® Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		Mechanical Spring-applied with Air Release	
ELECTRICAL:			
Alternator	— Rating	Denso SC5, 200 Amperes	
Battery	— Type	Motorcraft® 12-volt Maintenance-free	
	— Rating	Dual, 750 CCA (1500 CCA Total)	
	— Box Location	Right Side Under Cab	
EXHAUST:	— Type	Single, Horizontal Muffler, Right-hand, Right Side Under Cab Outside Frame Rail with Rear, Underbody Exit, Switchback-style	
FUEL TANK:	— Capacity	65.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	— Type	Integral Power, ZF/Bosch ZN4	
	— Ratio	19.0:1	
SUSPENSION:			
Frame	— Type	Ladder Type, Single Channel 120,000 PSI Steel	
	— Section Modulus (cu. in.)	14.18	
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting	
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf	
	— Rating @ Ground (min.)	10,000	
Springs, Rear	— Type	Multi-leaf	
	— Rating @ Ground (min.)	19,000 lbs.	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear	
TIRES:			
Front	— Type	Goodyear G661 HSA	
	— Size	11R22.5G (14-ply Rated)	
Rear	— Type	Goodyear G661 HSA	
	— Size	11R22.5G (14-ply Rated)	
WHEELS:			
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	— Size	22.5" x 7.5"	
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	— Size	22.5" x 7.5"	

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

CREW CAB CHASSIS CAB (182" — 266" WB) — Diesel Engine Models

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/37,000
POWERTRAIN:		50-state certified
Engine	— Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)
Transmission	— Type	Ford TorqShift Heavy-duty
	— Speeds	6-speed Automatic Overdrive
Clutch	— Type	None
	— Diameter	—
Front Axle	— Type	Dana I-beam Type
	— Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	— Type	Single Reduction, Open
	— Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	— Type	SPL-140
BRAKES:		
System	— Type	Hydraulic, Split System, Automatic Adjustment
Front	— Type	15.00" x 1.44" Cast Disc
Rear	— Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type
ELECTRICAL:		
Alternator	— Rating	Denso SC5, 200 Amperes
Battery	— Type	Motorcraft® 12-volt Maintenance-free
	— Rating	Dual, 750 CCA (1500 CCA Total)
	— Box Location	Right Side Under Cab
EXHAUST:	— Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab
FUEL TANK:	— Capacity	65.0-gallon, Single, LH Rectangular Aluminum
STEERING:	— Type	Integral Power, ZF/Bosch ZN4
	— Ratio	19.0:1
SUSPENSION:		
Frame	— Type	Ladder Type Single Channel 80,000 PSI Steel
	— Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf
	— Rating @ Ground (min.)	10,000 lbs.
Springs, Rear	— Type	Multi-leaf
	— Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear
TIRES:		
Front	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
Rear	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
WHEELS:		
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750 2016

Standard Equipment Specifications cont'd

REGULAR CHASSIS CAB (158" — 260" WB) — Gas Engine Models

DRIVE:			F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):			22,000/26,000	25,600/29,000
POWERTRAIN:			50-state certified	
Engine	—	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. of Torque @ 3000 rpm)	
Transmission	—	Type	Ford TorqShift Heavy-duty	
	—	Speeds	6-speed Automatic Overdrive	
Clutch	—	Type	None	
	—	Diameter	—	
Front Axle	—	Type	Dana I-beam Type	
	—	Capacity (Rating @ Ground)	8500 lbs.	8500/10,000 (optional) lbs.
Rear Axle	—	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	—	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	—	Type	SPL-100	SPL-100
BRAKES:				
System	—	Type	Hydraulic, Split System, Automatic Adjustment	
Front	—	Type	15.00" x 1.44" Cast Disc	
Rear	—	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System			Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)			12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:				
Alternator	—	Rating	Mitsubishi, 175 Amperes	
Battery	—	Type	Motorcraft® 12-volt Maintenance-free	
	—	Rating	900 CCA	
	—	Box Location	Right Side Under Cab	
EXHAUST:	—	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction	
FUEL TANK:	—	Capacity	50.0-gallon, Single, LH Rectangular Steel	
STEERING:	—	Type	Integral Power, ZF/Bosch ZN4	
	—	Ratio	18.8:1 (8500-lbs. FGAWR w/8.5" frame); 18.9:1 (8500-lbs. FGAWR w/9.5" frame); 19.0:1 (10,000-lbs. FGAWR)	
SUSPENSION:				
Frame	—	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight "C" 50,000 PSI Steel
	—	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	—	Type	1.42" Dia. Double-acting	
Springs, Front	—	Type	3.15" x 62" Parabolic Taper-leaf	
	—	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	—	Type	Multi-leaf	
	—	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	—	Type	Stemco Front and Rear	
TIRES:				
Front	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:				
Front	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

REGULAR CHASSIS CAB (158" – 281" WB) – Gas Engine Models

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/33,000
POWERTRAIN:		50-state certified
Engine	— Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. Torque @ 3000 rpm)
Transmission	— Type	Ford TorqShift Heavy-duty
	— Speeds	6-speed Automatic Overdrive
Clutch	— Type	None
	— Diameter	—
Front Axle	— Type	Dana I-beam Type
	— Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	— Type	Single Reduction, Open
	— Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	— Type	SPL-100
BRAKES:		
System	— Type	Hydraulic, Split System, Automatic Adjustment
Front	— Type	15.00" x 1.44" Cast Disc
Rear	— Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	— Rating	Mitsubishi, 175 Amperes
Battery	— Type	Motorcraft® 12-volt Maintenance-free
	— Rating	900 CCA
	— Box Location	Right Side Under Cab
EXHAUST:	— Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction
FUEL TANK:	— Capacity	50.0-gallon, Single, LH Rectangular Steel
STEERING:	— Type	Integral Power, ZF/Bosch ZN4
	— Ratio	19.0:1
SUSPENSION:		
Frame	— Type	Ladder Type, Single Channel 80,000 PSI Steel
	— Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf
	— Rating @ Ground (min.)	10,000
Springs, Rear	— Type	Multi-leaf
	— Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear
TIRES:		
Front	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
Rear	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
WHEELS:		
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750

2016

Standard Equipment Specifications cont'd

SUPERCAB CHASSIS CAB (179" — 281" WB) — Gas Engine Models

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/33,000
POWERTRAIN:		50-state certified
Engine	— Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. Torque @ 3000 rpm)
Transmission	— Type	Ford TorqShift Heavy-duty
	— Speeds	6-speed Automatic Overdrive
Clutch	— Type	None
	— Diameter	—
Front Axle	— Type	Dana I-beam Type
	— Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	— Type	Single Reduction, Open
	— Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	— Type	SPL-100
BRAKES:		
System	— Type	Hydraulic, Split System, Automatic Adjustment
Front	— Type	15.00" x 1.44" Cast Disc
Rear	— Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	— Rating	Mitsubishi, 175 Amperes
Battery	— Type	Motorcraft® 12-volt Maintenance-free
	— Rating	900 CCA
	— Box Location	Right Side Under Cab
EXHAUST:	— Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction
FUEL TANK:	— Capacity	50.0-gallon, Single, LH Rectangular Steel
STEERING:	— Type	Integral Power, ZF/Bosch ZN4
	— Ratio	19.0:1
SUSPENSION:		
Frame	— Type	Ladder Type, Single Channel 80,000 PSI Steel
	— Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf
	— Rating @ Ground (min.)	10,000
Springs, Rear	— Type	Multi-leaf
	— Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear
TIRES:		
Front	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply Rated)
Rear	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply Rated)
WHEELS:		
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

SUPERCAB CHASSIS CAB (179" — 263" WB) — Gas Engine Models

DRIVE:			F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):			22,000/26,000	25,600/29,000
POWERTRAIN:			50-state certified	
Engine	—	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. of Torque @ 3000 rpm)	
Transmission	—	Type	Ford TorqShift Heavy-duty	
	—	Speeds	6-speed Automatic Overdrive	
Clutch	—	Type	None	
	—	Diameter	—	
Front Axle	—	Type	Dana I-beam Type	
	—	Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	—	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	—	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	—	Type	SPL-100	SPL-100
BRAKES:				
System	—	Type	Hydraulic, Split System, Automatic Adjustment	
Front	—	Type	15.00" x 1.44" Cast Disc	
Rear	—	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System			Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)			12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:				
Alternator	—	Rating	Mitsubishi, 175 Amperes	
Battery	—	Type	Motorcraft® 12-volt Maintenance-free	
	—	Rating	900 CCA	
	—	Box Location	Right Side Under Cab	
EXHAUST:	—	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction	
FUEL TANK:	—	Capacity	50.0-gallon, Single, LH Rectangular Steel	
STEERING:	—	Type	Integral Power, ZF/Bosch ZN4	
	—	Ratio	18.8:1 (w.8.5" frame); 18.9:1 (w/9.5" frame)	
SUSPENSION:				
Frame	—	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight "C" 50,000 PSI Steel
	—	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	—	Type	1.42" Dia. Double-acting	
Springs, Front	—	Type	3.15" x 62" Parabolic Taper-leaf	
	—	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	—	Type	Multi-leaf	
	—	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:		Type	Stemco Front and Rear	
TIRES:				
Front	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	—	Type	Hankook AH11	Goodyear G661 HSA
	—	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:				
Front	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	—	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	—	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Super Duty Chassis Cabs F-650/F-750 2016

Standard Equipment Specifications cont'd

CREW CAB CHASSIS CAB (182" — 266" WB) — Gas Engine Models

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/33,000
POWERTRAIN:		50-state certified
Engine	— Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. Torque @ 3000 rpm)
Transmission	— Type	Ford TorqShift Heavy-duty
	— Speeds	6-speed Automatic Overdrive
Clutch	— Type	None
	— Diameter	—
Front Axle	— Type	Dana I-beam Type
	— Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	— Type	Single Reduction, Open
	— Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	— Type	SPL-100
BRAKES:		
System	— Type	Hydraulic, Split System, Automatic Adjustment
Front	— Type	15.00" x 1.44" Cast Disc
Rear	— Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	— Rating	Mitsubishi, 175 Amperes
Battery	— Type	Motorcraft® 12-volt Maintenance-free
	— Rating	900 CCA
	— Box Location	RIght Side Under Cab
EXHAUST:	— Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction
FUEL TANK:	— Capacity	60.0-gallon, Single, LH Rectangular Steel
STEERING:	— Type	Integral Power, ZF/Bosch ZN4
	— Ratio	19.0:1
SUSPENSION:		
Frame	— Type	Ladder Type, Single Channel 80,000 PSI Steel
	— Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf
	— Rating @ Ground (min.)	10,000
Springs, Rear	— Type	Multi-leaf
	— Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	— Type	Stemco Front and Rear
TIRES:		
Front	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
Rear	— Type	Goodyear G661 HSA
	— Size	11R22.5G (14-ply rated)
WHEELS:		
Front	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"
Rear	— Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Standard Equipment Specifications cont'd

CREW CAB CHASSIS CAB (182" — 278" WB) — Gas Engine Models

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		22,000/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	— Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. of Torque @ 3000 rpm)	
Transmission	— Type	Ford TorqShift Heavy-duty	
	— Speeds	6-speed Automatic Overdrive	
Clutch	— Type	None	
	— Diameter	—	
Front Axle	— Type	Dana I-beam Type	
	— Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	— Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	— Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	— Type	SPL-100	SPL-100
BRAKES:			
System	— Type	Hydraulic, Split System, Automatic Adjustment	
Front	— Type	15.00" x 1.44" Cast Disc	
Rear	— Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	— Rating	Mitsubishi, 175 Amperes	
Battery	— Type	Motorcraft® 12-volt Maintenance-free	
	— Rating	900 CCA	
	— Box Location	Right Side Under Cab	
EXHAUST:	— Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction	
FUEL TANK:	— Capacity	60.0-gallon, Single, LH Rectangular Steel	
STEERING:	— Type	Integral Power, ZF/Bosch ZN4	
	— Ratio	18.8:1 (w.8.5" frame); 18.9:1 (w/9.5" frame)	
SUSPENSION:			
Frame	— Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight "C" 50,000 PSI Steel
	— Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	— Type	1.42" Dia. Double-acting	
Springs, Front	— Type	3.15" x 62" Parabolic Taper-leaf	
	— Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	— Type	Multi-leaf	
	— Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	— Type	Hankook AH11	Goodyear G661 HSA
	— Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	— Type	Hankook AH11	Goodyear G661 HSA
	— Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	— Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	19.5" x 6.75"	22.5" x 7.5"
Rear	— Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	— Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Axles

FRONT AXLE SPECIFICATIONS

Regular/Super/Crew Cab Chassis Model		43A	43B	43C	43D
Manufacturer		Dana/Spicer®	Dana/Spicer	Dana/Spicer	Dana/Spicer
Max. Rating @ Ground (lbs.)		8,500	10,000	12,000	***14,000***
Axle	— Type	I-beam w/Kingpin Spindles	I-beam w/Kingpin Spindles	I-beam w/Kingpin Spindles	I-beam w/Kingpin Spindles
	— Material	Forged Steel	Forged Steel	Forged Steel	Forged Steel
	— Spring Centers (in.)	35.0	35.0	35.0	35.0
Kingpins	— Bushing Material	Bronze	Bronze	Bronze	Bronze
Spindle	— Material	Steel	Steel	Steel	Steel
Wheel Bearings	— Type	Tapered Roller	Tapered Roller	Tapered Roller	Tapered Roller

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Technical Specifications cont'd

Axles cont'd
REAR AXLE SPECIFICATIONS

Regular/Super/Crew Cab Chassis/Model		471	***472***	474	***475***
Make		Dana/Spicer	Dana/Spicer	Dana/Spicer	***Dana/Spicer***
Max. Rating @ Ground (lbs.)		13,500	17,500	19,000	***21,000***
Type		Single	Single	Single	***Single***
Housing	— Type	Fabricated	Fabricated	Fabricated	***Fabricated***
Lubricant Capacity (pt.)		19.0	19.0	19.0	***27.9***
Wheel Bearings	— Type	Tapered	Tapered	Tapered	***Tapered***
Gears	— Type	Hypoid	***GenTech***	***GenTech***	***Hypoid***
Ring Gear	— Pitch Diameter (in.)	13.4	13.4	13.4	***15.0***
Differential	— Type	Open	Open	Open	***Open***
Axle Shaft	— Minimum Diameter (in.)	1.81	1.81	1.81	***1.89***
	— No. of Splines (Hub End)	39	39	39	***41***

Regular/Super/Crew Cab Chassis/Model		***476***	***477***	***479***
Make		Dana/Spicer	***Dana/Spicer***	***Dana/Spicer***
Max. Rating @ Ground (lbs.)		***21,000***	***21,000***	***23,000***
Type		Single	***2-speed***	***Single***
Housing	— Type	Fabricated	***Fabricated***	***Fabricated***
Lubricant Capacity (pt.)		***27.9***	***35.1***	***37.0***
Wheel Bearings	— Type	Tapered	***Tapered***	***Tapered***
Gears	— Type	Hypoid	***Hypoid***	***Hypoid***
Ring Gear	— Pitch Diameter (in.)	***15.0***	***17.0***	***17.7***
Differential	— Type	***Driver Control-Locking***	***Open***	***Open***
Axle Shaft	— Minimum Diameter (in.)	***1.89***	***1.87***	***2.06***
	— No. of Splines (Hub End)	***41***	***41***	***46***

Regular/Super/Crew Cab Chassis/Model		47P	***47X***
Make		Dana/Spicer®	Dana/Spicer
Max. Rating @ Ground (lbs.)		23,000	***26,000***
Type		Single	***Single***
Housing	— Type	Fabricated	Fabricated
Lubricant Capacity (pt.)		37.0	***37.0***
Wheel Bearings	— Type	Tapered	Tapered
Gears	— Type	Hypoid	Hypoid
Ring Gear	— Pitch Diameter (in.)	17.7	***18.5***
Differential	— Type	Driver Control — Locking	Open
Axle Shaft	— Minimum Diameter (in.)	2.06	***2.25***
	— No. of Splines (Hub End)	46	***46***

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

esourcebook.dealerconnection.com

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR DISC

Type	Axle (lbs.)	Rotor Dia. (in.) OD Thickness	Lining Thickness (in.)	Caliper Piston No. Dia.	Lining Area Per Axle/ Wheel (sq. in.)	Total Swept Area Per Axle (sq. in.)
Front	8,500	15.00 x 1.44	.49	4/70 mm (2.8")	41.7	41.7
	10,000/12,000/13,200	15.00 x 1.44	.74	4/70 mm (2.8")	41.7	41.7
Rear	15,500(1)	15.00 x 1.44	.49	4/70 mm (2.8")	41.7	83.4
	17,500/19,000/ 21,000/23,000	15.00 x 1.44	.74	4/70 mm (2.8")	41.7	83.4

(1) 4/64 mm on rear with 19.5" tire option.

HYDRAULIC BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Model/Series	Piston Dia. (in.)	Stroke (in.)	Fluid Displacement Ratio (prim./sec.)	Nominal Displacement (prim./sec.) (cu. in.)
Dual System, Dash-mounted	All	2.00	2.25	50 Frt./50 Rr.	3.35/3.35

AIR BRAKE EQUIPMENT SPECIFICATIONS — FRONT DRUM

Type	Axle (lbs.)	Shoe/Pad Length x Width (in.)	Lining Thickness (in.)	Drum Area Per Axle (sq. in.)	Chamber Diaphragm Area (sq. in.)	Dust Shield
Meritor®/Q-Plus S-Cam	8,500 10,000/ 12,000/ 13,200	15.00 x 4.00	.73	230	20	Removable
	14,000	16.50 x 7.00	.73	420	20	Removable

AIR BRAKE EQUIPMENT SPECIFICATIONS — REAR DRUM

Type	Axle (lbs.)	Shoe/Pad Length x Width (in.)	Lining Thickness (in.)	Drum Area Per Axle (sq. in.)	Chamber Diaphragm Area (sq. in.)	Dust Shield
Meritor/Q-Plus S-Cam	17,500	15.00 x 8.63	.85	440	30	Removable
	19,000/ 21,000/ 23,000	16.50 x 7.00	.85	440	30	Removable

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 Super Duty Chassis Cabs F-650/F-750

Technical Specifications cont'd

Brakes cont'd

HYDRAULIC BRAKE BOOSTER SPECIFICATIONS

Type	Model/Series	Mounting	Booster Stroke (in.)
Bosch/Hydromax II	All	To cowl with master cylinder	2.468

AIR COMPRESSOR SPECIFICATIONS

Make/Mode	CFM	Compressor Size (Bore x Stroke) (in.)	Cooling	Lubrication	Drive
Bendix®	13.2	Twin 2.78 x 1.50	Water	Engine Oil	Pulley

AIR BRAKE AIR DRYER SPECIFICATIONS

Make/Model	Dimensions Height x Diam. (in.)	Weight	Remarks
Bendix®/AD-IP	12.0 x 8.0	24 lbs.	Heated, Internal Purge

AIR BRAKE SLACK ADJUSTER SPECIFICATIONS

Axle	Make	Description
Front and Rear	Meritor®	5.5" length

Bumpers

BUMPER SPECIFICATIONS

Size	Material	Finish
Full-width	0.1875" thick steel	Painted, Carbon Black
Full-width	0.1875" thick steel	Plated, Chrome

Cooling Systems

COOLING SYSTEM SPECIFICATIONS

Engine	Trans.	Radiator Area (sq. in.)	Core Thickness (in.)	Total Number of Tubes	Fins Per Inch	System Capacity Qts. (liters)	Fan Blades	Blade Dia. (in.)	Clutch Type
6.7L HT	Ford	993	1.65	88	15	35.1 (33.2)	9	26.0	Viscous
6.7L LT	Ford	832	2.17	66	18.5	15.3 (14.5)	NA	NA	NA
6.8L	Ford	993	1.65	88	15	28.8 (27.3)	8	20.0	Viscous

AIR CONDITIONING SPECIFICATIONS

Make	Refrigerant	Compressor	Condenser Location	Evaporator Location
Ford	R-134A	HVCC	Radiator-mounted	RH Under Instrument Panel

HEATER AND DEFROSTER SPECIFICATIONS

Make	Blower Motor	Heater Core Location	Air Intake	Water Shutoff to Heat
Ford	7-speed, Wired to Ignition	In-cab, RH Side	Fresh Air; Top of Cowl	None

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Fuel System

FUEL SYSTEM DATA

Engine	Injection Method	Fuel Pump/Location	Fuel Filter/Location	Air Cleaner
Ford 6.7L	Direct, High-pressure Pump	Mechanical/Engine-mounted	Spin-on/Cylinder Head	Dry Type
Ford 6.8L	SEFI	Fuel Tank	In-tank	Dry Type

STEERING

STEERING SPECIFICATIONS

		8.5K Axle Turning Radius				10K/12K/14K Axle Turning Radius			
		To Curb		To Wall		To Curb		To Wall	
Cab Style	Wheelbase (in.)	ft.	in.	ft.	in.	ft.	in.	ft.	in.
Regular Cab	146	20	9	22	4	20	6	22	1
	158	22	3	23	10	21	11	23	7
	176	24	5	26	1	24	2	25	9
	182	25	2	26	9	24	10	26	6
	194	26	8	28	3	26	4	27	11
	200	27	5	29	0	27	0	28	8
	212	28	1	29	9	28	1	29	9
	218	28	10	30	6	28	10	30	6
	224	29	7	31	2	29	7	31	2
	230	30	3	31	11	30	3	31	11
	242	31	8	33	4	31	8	33	4
	260	33	10	35	6	33	10	35	6
	281	36	4	38	0	36	4	38	0
SuperCab	167	23	4	24	11	23	1	24	8
	179	24	10	26	5	24	6	26	1
	197	27	0	28	8	26	8	28	3
	203	27	1	28	8	27	1	28	8
	215	28	6	30	1	28	6	30	1
	221	29	2	30	10	29	2	30	10
	233	30	8	32	3	30	8	32	3
	239	31	4	33	0	31	4	33	0
	245	32	1	33	8	32	1	33	8
	251	32	9	34	5	32	3	34	5
	263	34	3	35	10	34	3	35	10
	281	36	4	38	0	36	4	38	0
Crew Cab	182	25	2	26	9	24	10	26	6
	194	26	8	28	3	26	4	27	11
	212	28	1	29	9	28	1	29	9
	218	28	10	30	6	28	10	30	6
	230	30	3	31	11	30	3	31	11
	236	31	0	32	7	31	0	32	7
	248	32	5	34	1	32	5	34	1
	254	33	2	34	9	33	2	34	9
	260	33	10	35	6	33	10	35	6
	266	34	7	36	3	34	7	36	3
	278	36	0	37	8	36	0	37	8

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

esourcebook.dealerconnection.com

Steering cont'd

POWER STEERING PUMP SPECIFICATIONS

Engine	Manufacturer/Model	Reservoir Capacity (max.)	Pump Drive
All	ZF/Bosch ZN4	5.0–5.5L	Belt

Suspensions

FRAME SPECIFICATIONS

Frame Order Code	Type	Dimensions D x W x Thickness (inches)	Yield Strength (psi)	Material (Notes)	Nominal Section Modulus (cu. in.)	Nominal Resisting Bending Moment (in.-lb.)
537	Straight Channel Side Rail with Kick-up at Rear Suspension Rearward(1)	9.125 x 3.062 x 0.312	80,000	A	10.75	860,000
533	Straight Channel Side Rail	9.125 x 3.062 x 0.312	80,000	A	10.75	860,000
534	Straight Channel Side Rail	10.125 x 3.062 x 0.312	50,000	A	12.64	632,000
535	Straight Channel Side Rail	10.250 x 3.092 x 0.375	80,000	A	15.14	1,211,000
536	Straight Channel Side Rail	10.125 x 3.580 x 0.312	120,000	B	14.18	1,702,000
539	Straight Channel Side Rail	10.375 x 3.705 x 0.438	120,000	B	20.11	2,413,000
41R	Straight Channel Side Rail — Full Channel Outer "C" Channel Reinforcement	10.876 x 3.892 x 0.312	120,000	B	29.20(2)	3,504,000

(1) Kick-up rail section is 6.50" in depth.
(2) Section modulus value includes base frame rail, code 536.

NOTES:
A = High-strength, low-alloy steel
B = Heat-treated alloy steel

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Suspensions cont'd

SHOCK ABSORBER SPECIFICATIONS — FRONT ONLY

Model	Wheelbase (in.)	Usage	No. Used	Piston Dia. (in.)	Type
All	All	Std.	2	1.42	Double-acting

SHOCK ABSORBER SPECIFICATIONS — REAR STEEL SUSPENSION ONLY

Model	Wheelbase (in.)	Usage	No. Used	Piston Dia. (in.)	Type
All	All	Opt.	2	1.42	Double-acting

SHOCK ABSORBER SPECIFICATIONS — REAR ONLY (with air suspension)

Model	Wheelbase (in.)	Usage	No. Used	Piston Dia. (in.)	Type
All	All	Std.	2	1.38	Double-acting
All	All	Std. High Torque Application	2	1.63	Double-acting

SPRING SPECIFICATIONS — FRONT LEAF

Series/Model	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Active Length (in.) x Width (in.)	Deflection Rate (Installed) (lb./in.)
All	8,500	2	3.62	62.0 x 3.15	1027
	10,000	2	3.58	62.0 x 3.15	1147
	12,000	2	3.60	62.0 x 3.15	1521
	13,200	3	3.60	62.0 x 3.15	1593
	14,000	3	3.66	62.0 x 3.15	1705

SPRING SPECIFICATIONS — REAR LEAF

Series/Model	Combined Rating @ Ground (lbs.)	No. of Leaves	Total Thickness @ Pad (in.)	Active Length (in.) x Width (in.)	Deflection Rate (Installed) (lb./in.)
F-650 with Kick-up Frame	15,500	10	7.18	54.3 x 3.0	3540 (4990 Aux. Leaf Eng.)
All F-650	19,000	11	7.75	54.3 x 3.0	4026 (5476 Aux. Leaf Eng.)
F-650 with Straight Frame and All F-750	21,000	11	8.03	54.3 x 3.0	4743 (6193 Aux. Leaf Eng.)
All F-750	23,000	11	8.30	54.3 x 3.0	5290 (6740 Aux. Leaf Eng.)
	31,000	11	9.06	54.3 x 3.0	7810 (9260 Aux. Leaf Eng.)

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

esourcebook.dealerconnection.com

Tires and Wheels[1]

TIRE SPECIFICATIONS – 19.5" Wheel Configurations

		Max. Tire and Wheel Capacity per Axle (lb.) @ PSI	
Size	**Wheel Width (in.) and Type**	**Front**	**Rear**
245/70R19.5G	6.75, 8 stud steel	9080 @ 110	17,200 @ 110
	7.50, 10 stud steel	9080 @ 110	17,200 @ 110
	7.50, 10 stud aluminum	9080 @ 110	17,200 @ 110
245/70R19.5H	6.75, 8 stud steel	9880 @ 115	18,700 @ 115
	7.50, 10 stud steel	9880 @ 115	18,700 @ 115
	7.50, 10 stud aluminum	9880 @ 115	18,700 @ 115
265/70R19.5G	6.75, 8 stud steel	10,140 @ 110	18,700 @ 110
	7.50, 10 stud steel	10,140 @ 110	18,700 @ 110
	7.50, 10 stud aluminum	10,140 @ 110	18,700 @ 110

(1) Some tires may be discontinued or require substitution. Refer to Commercial Vehicle Tools (CVT) for current availability.

TIRE SPECIFICATIONS – 22.5" Wheel Configurations

		Max. Tire and Wheel Capacity per Axle (lb.) @ PSI	
Size	**Wheel Width (in.) and Type**	**Front**	**Rear**
11R22.5G	7.50, 10 stud steel	12,350 @ 105	23,360 @ 105
	8.25, 10 stud steel	12,350 @ 105	23,360 @ 105
	8.25, 10 stud aluminum	12,350 @ 105	23,360 @ 105
11R22.5H	7.50, 10 stud steel	13,220 @ 120	24,020 @ 120
	8.25, 10 stud steel	13,220 @ 120	24,020 @ 120
	8.25, 10 stud aluminum	13,220 @ 120	24,020 @ 120
255/70R22.5H	7.50, 10 stud steel	11,020 @ 120	20,280 @ 120
	8.25, 10 stud steel	11,020 @ 120	20,280 @ 120
	8.25, 10 stud aluminum	11,020 @ 120	20,280 @ 120
275/80R22.5G	7.50, 10 stud steel	12,350 @ 110	22,700 @ 110
	8.25, 10 stud steel	12,350 @ 110	22,700 @ 110
	8.25, 10 stud aluminum	12,350 @ 110	22,700 @ 110
275/80R22.5H	7.50, 10 stud steel	14,330 @ 120	26,455 @ 120
	8.25, 10 stud steel	14,330 @ 120	26,455 @ 120
	8.25, 10 stud aluminum	14,330 @ 120	26,455 @ 120
295/80R22.5H	7.50, 10 stud steel	15,660 @ 120	27,760 @ 120
	8.25, 10 stud steel	15,660 @ 120	27,760 @ 120
	8.25, 10 stud aluminum	15,660 @ 120	27,760 @ 120

(1) Some tires may be discontinued or require substitution. Refer to Commercial Vehicle Tools (CVT) for current availability.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

WHEEL SPECIFICATIONS

Wheel Type	Position	Wheel Size	No. of Studs	Bolt Circle mm (in.)
Steel, Powder-coated White	Front	19.5" x 6.75"	8	275 (10.83)
Steel, Powder-coated White	Rear	19.5" x 6.75"	8	275 (10.83)
Steel, Powder-coated White	Front	19.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Rear	19.5" x 7.50"	10	285.5 (11.25)
Aluminum, Polished	Front	19.5" x 7.50"	10	285.5 (11.25)
Aluminum, Polished	Rear	19.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Front	22.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Rear	22.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Front	22.5" x 8.25"	10	285.5 (11.25)
Steel, Powder-coated White	Rear	22.5" x 8.25"	10	285.5 (11.25)
Aluminum, Polished	Front	22.5" x 8.25"	10	285.5 (11.25)
Aluminum, Polished	Rear	22.5" x 8.25"	10	285.5 (11.25)

Transmission

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford TorqShift Heavy-duty 6-speed Automatic
Torque Capacity (lb.-ft.) Net	
Ratios (to 1):	
1st	3.97
2nd	2.31
3rd	1.51
4th	1.14
5th	0.85
6th	0.67
Reverse	3.12
Gears — Type	
Fluid Capacity (qts.)	Diesel: 16.3 Gas: 17.4
Oil System	Sump
Filter	Internal High-efficiency
Live Drive Power Takeoff Data:	
Opening	SAE 6-bolt LH
Gear Ratio	1.00:1
Rating	Diesel: 250 lb.-ft. (Stationary Mode) 150 lb.-ft. (Mobile Mode) Gas: 250 lb.-ft. (Stationary Mode; Mobile Mode not available)

UNIVERSAL JOINT DRIVESHAFT SPECIFICATIONS

Transmission	U-joint/Driveshaft
Ford	SPL-100 (Gasoline and Diesel)
Ford	SPL-140 (Diesel Only)

Windshield Wipers

ARM AND BLADE SPECIFICATIONS

Make	Arm Length	Blade Length
Trico	22.25"	19.0"

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.